Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
Data File : BN036006.D
Acq On : 21 Jan 2025 14:59
Operator : RC/JU
Sample : SSTD1.659
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 21 23:46:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:44:46 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/22/2025
Supervised By :mohammad ahmed 01/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	2065	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4112	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	2189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	4437	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	3891	0.400	ng/ul	0.00
23) Perylene-d12	23.665	264	4086	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	3388	1.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	8034	1.547	ng/ul	0.00
18) Fluoranthene-d10	19.221	212	16362	1.530	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	3681	1.525	ng/ul	91
5) Naphthalene	10.655	128	17593	1.553	ng/ul	98
7) 2-Methylnaphthalene	12.271	142	11152	1.585	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	11373	1.592	ng/ul	100
10) Acenaphthylene	14.168	152	16028	1.553	ng/ul	97
11) Acenaphthene	14.511	153	11860	1.562	ng/ul	98
12) Fluorene	15.496	166	13194	1.573	ng/ul	99
14) Pentachlorophenol	16.842	266	2641	1.699	ng/ul	99
15) Phenanthrene	17.234	178	20310	1.563	ng/ul	97
16) Anthracene	17.323	178	19363	1.603	ng/ul	99
19) Fluoranthene	19.249	202	23284	1.575	ng/ul	96
20) Pyrene	19.611	202	23977	1.553	ng/ul	97
21) Benzo(a)anthracene	21.353	228	21879	1.575	ng/ul	99
22) Chrysene	21.406	228	21868	1.541	ng/ul	99
24) Benzo(b)fluoranthene	22.972	252	21476	1.575	ng/ul	94
25) Benzo(k)fluoranthene	23.016	252	22175m	1.546	ng/ul	
26) Benzo(a)pyrene	23.566	252	19854	1.612	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.007	276	26117	1.603	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.024	278	20385	1.624	ng/ul	95
29) Benzo(g,h,i)perylene	26.721	276	20248	1.600	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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